

THE CLAIMS

What is claimed:

- 1 1. A machine-implemented method for executing a database statement, the method comprising
2 the steps of:
3 a database server receiving a request to execute a database statement, wherein the request
4 specifies the database statement and a tag that does not conform to a database
5 language;
6 wherein said tag specifies at least one parameter field and at least one parameter value;
7 in response to receiving the request, said database server storing the tag;
8 said database server executing said database statement, wherein during execution of said
9 database statement said database server provides access to one or more of the at
10 least one parameter values through a tag access mechanism provided by said
11 database server.
- 1 2. The method of claim 1, wherein the database statement is written in a language in which
2 results desired are specified, but no procedures for obtaining the results desired are
3 specified.
- 1 3. The method of claim 1, wherein a priority for executing the database statement is
2 determined based on the at least one parameter value.
- 1 4. The method of claim 1, wherein a security level is associated with the at least one parameter
2 such that whether the database is entitled to access a component is based on the at least one
3 parameter.

- 1 5. The method of claim 1, wherein the at least one parameter is accessible to a systems
2 administrator.
- 1 6. The method of claim 1, wherein the at least one parameter is related to user context
2 information.
- 1 7. The method of claim 1, wherein the tag comprises an indicator of a beginning of the tag,
2 and an indicator of an end of the tag.
- 1 8. The method of claim 7, wherein the at least one parameter value is located between the
2 indicator of the beginning and the indicator of the end of the tag.
- 1 9. The method of claim 8, wherein each of the at least one parameter fields comprises an
2 indicator of a beginning of the parameter field, followed by the parameter value, which in
3 turn is followed by an indicator of an end of the parameter field.
- 1 10. The method of claim 1 wherein the at least one parameter value can be accessed without
2 accessing a session space associated with a database window, wherein the database
3 statement was issued within the session window.
- 1 11. The method of claims 4, wherein the at least one parameter value can be accessed without
2 accessing a session space associated with a database window, wherein the database
3 statement was issued within the session window.
- 1 12. The method of claims 5, wherein the at least one parameter value can be accessed without
2 accessing a session space associated with database window, wherein the database statement
3 was issued within the session window.

1 13. The method of claims 6, wherein the at least one parameter value can be accessed after a
2 session window has closed, wherein the database statement was issued within the session
3 window.

1 14. A machine-readable medium carrying one or more sequences of instructions, which when
2 executed by one or more processors, causes the one or more processors to perform a method
3 comprising the steps of:
4 a database server receiving a request to execute a database statement, wherein the request
5 specifies the database statement and a tag that does not conform to a database
6 language;
7 wherein said tag specifies at least one parameter field and at least one parameter value;
8 in response to receiving the request, said database server storing the tag;
9 said database server executing said database statement, wherein during execution of said
10 database statement said database server provides access to one or more of the at
11 least one parameter values through a tag access mechanism provided by said
12 database server.

1 15. The machine-readable medium of claim 14, wherein the database statement is written in a
2 language in which results desired are specified, but no procedures for obtaining the results
3 desired are specified.

1 16. The machine-readable medium of claim 14, wherein a priority for executing the database
2 statement is determined based on the at least one parameter value.

1 16. The machine-readable medium of claim 14, wherein a security level is associated with the
2 at least one parameter such that whether the database is entitled to access a component is based on
3 the at least one parameter.

1 17. The machine-readable medium of claim 14, wherein the at least one parameter is accessible
2 to a systems administrator.

1 18. The machine-readable medium of claim 14, wherein the at least one parameter is related to
2 user context information.

1 19. The machine-readable medium of claim 14, wherein the tag comprises an indicator of a
2 beginning of the tag, and an indicator of an end of the tag.

1 20. The machine-readable medium of claim 19, wherein the at least one parameter value is
2 located between the indicator of the beginning and the indicator of the end of the tag.

1 21. The machine-readable medium of claim 20, wherein each of the at least one parameter
2 fields comprises an indicator of a beginning of the parameter field, followed by the parameter
3 value, which in turn is followed by an indicator of an end of the parameter field.

1 22. The machine-readable medium of claim 21, wherein the at least one parameter value can be
2 accessed without accessing a session space associated with a database window, wherein the
3 database statement was issued within the session window.

1 23. The machine-readable medium of claims 16, wherein the at least one parameter value can
2 be accessed without accessing a session space associated with a database window, wherein the
3 database statement was issued within the session window.

1 24. The machine-readable medium of claims 17, wherein the at least one parameter value can
2 be accessed without accessing a session space associated with a database window, wherein the
3 database statement was issued within the session window.

1 25. The machine-readable medium of claims 18, wherein the at least one parameter value can
2 be accessed after a session window has closed, wherein the database statement was issued within
3 the session window.